



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David J. Luneau

Art Unit : 2682

Serial No. : 10/042,686

Examiner : Lee Nguyen

Filed : March 14, 2000

Title : CALLING PARTY ANNOUNCEMENT APPARATUS

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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REPLY TO ACTION OF MAY 30, 2003

In reply to the Final Office Action of May 30, 2003, Applicant submits the following remarks.

Applicant submits that none of the pending claims are either anticipated by, or rendered obvious by, the Lim reference.

With regard to independent claims 18 and 42, these claims recite that the same audio transducer is used for both the voice signals and the identity information. In contrast, there is no disclosure in Lim of using the same audio transducer for both purposes. To the contrary, Applicant submits that Lim not only uses separate audio transducers for voice and for announcement of caller identification, but in fact teaches away from Applicant's approach of using a single audio transducer for both purposes.

Specifically, the voice signals in Lim are apparently handled by a dialing circuit 2 and a speech network 3, which Lim notes are "conventional circuits and commercially available."

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(2:21-22.) Although Lim does not clearly identify the audio transducer for announcing identity information, Applicant submits that it is not the same audio transducer used for voice, found in dialing circuit 2 and speech network 3. This is because dialing circuit 2 and speech network 3 are optional components of Lim's design: "In practical use (for saving of cost) the dialing circuit 2 and speech network 3 can be deleted, then the remaining parts of the circuit consist of an add-on device for adding to any existing telephone set for displaying the caller's data." (4:13-17.) For this to be so, clearly the audio transducer for announcing identity information must be located somewhere other than the optional dialing circuit 2 and speech network 3. Applicant submits that this teaching can only be understood to mean that a different audio transducer is used in Lim for announcing identity information than the audio transducer used for voice signals located in dialing circuit 2 and speech network 3. Moreover, one reading Lim would be lead away from using the same audio transducer for both purposes, because doing so would eliminate the "modular" nature of Lim's design, in which the dialing circuit and speech network 3 can be deleted.

With regard to independent claims 52, 57, and 62, these claims recite the feature of storing "**audio information** associated with the caller identification data" (claim 52), "**audio identity information** associated with the caller identification data" (claim 57), and "**audio information** associated with the non-voice alphanumeric information" (claim 62). Applicant submits that Lim, on the other hand, contemplates only the storage of digital text information, not audio information, and thus does not anticipate any of these claims.

Applicant acknowledges that Lim discloses storage of certain information in RAM 10. (2:40.) It is also true that Lim mentions a "speech synthesizer or voice recording/reproducer 13."

(2:37-38.) Lim does not provide sufficient information to determine what item 13 is, stating only that they “are all commercially available ICs.” (2:57-58.)

Applicant submits that Lim only contemplates the storage of digital text information, not audio information, and that the digital text information is then used by item 13 to produce an audio announcement. Lim expressly states that “[a] list of numbers and names, along with special codes appended to the numbers and names, can be typed and stored into memory (data RAM 10) using the keyboard 7.” (4:4-7.) Clearly Lim is discussing in this passage the storage of digital text information in RAM 10. Lim also states that “[i]f there is a number which is the same as the received number, the microprocessor 8 will access the name associated with the number and instruct the speak synthesizer or voice reproducer to *spell or speak* the name and show the name in the display 9.” (2:41-45.) In order to *spell* the name, the individual letters that make up the name must, applicant submits, be stored as digital text information, not audio information as in claims 52, 57, and 62.

The pending dependent claims all depend from the aforementioned independent claims, and are patentable over Lim for at least the same reasons discussed above.

For the foregoing reasons, Applicant submits that all of the pending claims are allowable, which action is requested.

Please apply any charges or credits to Deposit Account No. 06-1050, reference 10200-007002.

Respectfully submitted,

Date: 7/30/03

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